

REMARKS

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Applicant has carefully reviewed the Office Action dated October 17, 2005. Applicant has amended Claims 1 and 7 to more clearly point out and distinctly claim the inventive concept. Reconsideration and favorable action is respectfully requested.

Regarding the §102 rejection

Claims 1-8 were rejected under 35 U.S.C §102(b) for being anticipated by *Tripod* (US Patent No. 5,194,784).

Applicant agrees with the Examiner that in Figure 3 of *Tripod*, the inductor (Lh) is connected directly to ground. The inductor (Lh) in *Tripod* is not directly coupled to a current control circuit (E-W control circuit). Applicant would further agree with the Examiner's statement that "the current control circuit [controls] the course of the sawtooth current (since the control circuit is connected to the section 1 and 2, it does control and affect the course of sawtooth current)." But, Applicant respectfully points out that the inductor (Lh) of *Tripod* is not directly coupled to the current control circuit of *Tripod*.

Claim 1 has been amended, to recite that "a current control circuit (2) is directly coupled to the inductor (L2)." Since the present inductor (L2) is directly coupled to a current control circuit (2), Applicant respectfully submits that Claim 1 is not anticipated by *Tripod*. Applicant respectfully requests that the §102 rejection be withdrawn and submits that Claim 1 is ready for allowance.

Claims 2 through 6 are either directly or indirectly dependent upon Claim 1 and are therefore not anticipated for, at least, the same reasons as stated above with respect to Claim 1. Applicant respectfully requests that the §102 rejection be withdrawn and submits that these Claims are ready for allowance.

AMENDMENT AND RESPONSE
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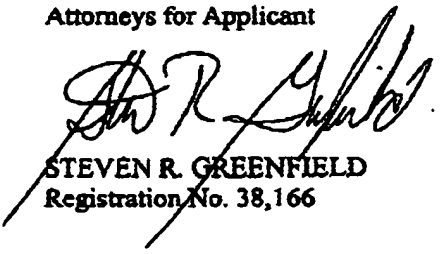
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Claim 7, as amended, recites a current control circuit (2) that is "directly coupled to the inductor (L2)." As discussed above, Applicant respectfully submits that *Tripod* does not teach or anticipate a inductor, as claimed herein, that is directly coupled to a current control circuit. Applicant respectfully submits that Claim 7 is not anticipated by *Tripod* and requests that this §102 rejection be withdrawn. Applicant respectfully submits that Claim 7 is ready for allowance.

Claim 8 is dependent upon Claim 7 and is therefore not anticipated for the same reasons as discussed above with respect to Claim 7.

Applicant has now made an earnest attempt in order to place this case in condition for allowance. For the reasons stated above, Applicant respectfully requests full allowance of the claims as amended. Please charge any additional fees or deficiencies in fees or credit any overpayment to Deposit Account No. 20-0780/PELT-27,308 of HOWISON & ARNOTT, L.L.P.

Respectfully submitted,
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